

TA-F606ES

SERVICE MANUAL

*US Model
Canadian Model*



SPECIFICATIONS

Audio Power Specifications

POWER OUTPUT AND TOTAL HARMONIC DISTORTION :

With 8-ohm loads, both channels driven, from 20-20,000 Hz ; rated 80 watts per channel minimum RMS power, with no more than 0.03 % total harmonic distortion from 250 milliwatts to rated output.

With 4-ohm loads, both channels driven, from 20-20,000 Hz ; rated 100 watts per channel minimum RMS power, with no more than 0.05 % total harmonic distortion from 250 milliwatts to rated output.

Amplifier section

Items	Condition	Data
Power band width	8 ohms, THD 0.05 %	10 Hz – 100 kHz at 40 W
Dynamic power	1 ohm	300 W
	2 ohms	260 W
	4 ohms	165 W
	8 ohms	110 W
	Total harmonic distortion	8 ohms at 10 W output 0.008 %
Intermodulation (IM) distortion 60 Hz : 7 kHz = 4: 1	4 ohms, at rated output	0.01 %
	6 ohms, at rated output	0.008 %
	8 ohms, at rated output	0.006 %
Damping	8 ohms, at 1 kHz	80
Residual noise	network A, 8 ohms	less than 110 μ V
Frequency response	PHONO MM (20 Hz – 20 kHz)	RIAA equalization curve \pm 0.2 dB
	TUNER, CD TAPE 1, 2, 3, DIRECT IN	2 Hz – 200 kHz $^{+0}_{-3}$ dB

— Continued on next page —

INTEGRATED STEREO AMPLIFIER
SONY[®]

TA-F606ES

Items	Condition	Data	
Input sensitivity	PHONO	MC	0.25 mV/100 ohm
		MM	2.5 mV, 50 kilohm
TUNER, CD, DIRECT IN, TAPE 1, 2, 3, ADAPTOR		150 mV, 20 kilohm	
S/N (network)	PHONO	MC	76 dB (0.5 mV)
		MM	93 dB (5.0 mV)
TUNER, CD, DIRECT IN, TAPE 1, 2, 3, ADAPTOR, AUX		105 dB (150 mV)	
Output voltage impedance	REC OUT 1, 2, 3, ADAPTOR	150 mV, 1 kilohm	
	HEADPHONES	25 milliwatts (at 8 ohms) Accepts low and high impedance headphones	
Tone controls	BASS, at 10 kHz	± 7 dB	
	TREBLE, at 10 kHz	± 7 dB	
Subsonic filter	—	6 dB/octave attenuation below 15 Hz	
Muting	—	—∞ dB	

General

System

Preamplifier section: Low-noise high gain NFB type equalizer amplifier, passive type direct tone control

Power amplifier section: Pure-complementary SEPP MOS-FET power amplifier

Power requirement

120 V AC, 60 Hz

Power consumption

U.S.A. model

210 W

Canadian model

300 VA

AC outlets

2 switched, total 120 W/1A max.

1 unswitched, 120 W/1A max.

Dimensions

Approx. 430 x 150 x 375 mm (w/h/d)
(17 x 5 7/8 x 14 3/4 inches)

Mass

Approx. 14.0 kg (30 lb 14 oz)

Design and specifications are subject to change without notice.

TABLE OF CONTENTS

<u>Section</u>	<u>Title</u>	<u>Page</u>	<u>Section</u>	<u>Title</u>	<u>Page</u>
1. GENERAL			3-6. Printed Wiring Boards		
Identifying the Parts and Controls	3	(Control, Input, Selector, Vol Section)	.....	13
Hooking Up the System	4	3-7. Schematic Diagram		
2. ELECTRICAL ADJUSTMENTS	6	(Control, Selectoe, Vol Section)	.....	17
3. DIAGRAMS			3-8. Schematic Diagram (EQ, Main, SP Section)	.....	21
3-1. IC803 System Controller (M 50720-358SP)	7	3-9. Printed Wiring Boards		
3-2. Semiconductor Lead Layouts	8	(EQ, Main, SP Section)	.....	25
3-3. Circuit Boards Location	9			
3-4. IC Block Diagrams	9			
3-5. Block Diagram	10			
			4. EXPLODED VIEWS		
			4-1. Front Panel Section	.....	28
			4-2. SSub Chassis	.....	29
			5. ELECTRICAL PARTS LIST	.....	31

SAFETY-RELATED COMPONENT WARNING!!

COMPONENTS IDENTIFIED BY MARK  OR DOTTED LINE WITH MARK  ON THE SCHEMATIC DIAGRAMS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.

ATTENTION AU COMPOSANT AYANT RAPPORT À LA SÉCURITÉ!

LES COMPOSANTS IDENTIFIÉS PAR UNE MARQUE  SUR LES DIAGRAMMES SCHÉMATIQUES ET LA LISTE DES PIÈCES SONT CRITIQUES POUR LA SÉCURITÉ DE FONCTIONNEMENT. NE REMPLACER CES COMPOSANTS QUE PAR DES PIÈCES SONY DONT LES NUMÉROS SONT DONNÉS DANS CE MANUEL OU DANS LES SUPPLÉMENTS PUBLIÉS PAR SONY.

SECTION 1 GENERAL

SAFETY CHECK-OUT

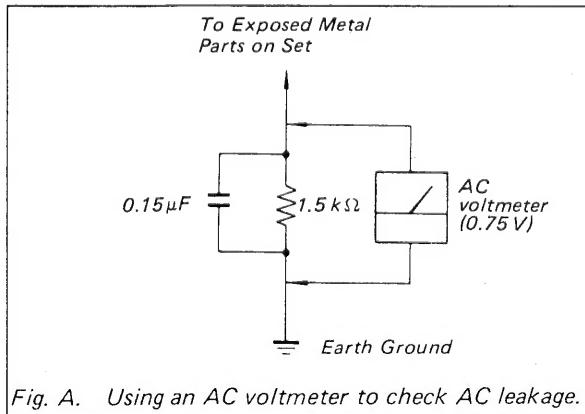
After correcting the original service problem, perform the following safety check before releasing the set to the customer:

Check the antenna terminals, metal trim, "metallized" knobs, screws, and all other exposed metal parts for AC leakage. Check leakage as described below.

LEAKAGE TEST

The AC leakage from any exposed metal part to earth ground and from all exposed metal parts to any exposed metal part having a return to chassis, must not exceed 0.5 mA (500 microamperes). Leakage current can be measured by any one of three methods.

1. A commercial leakage tester, such as the Simpson 229 or RCA WT-540A. Follow the manufacturers' instructions to use these instruments.
2. A battery-operated AC milliammeter. The Data Precision 245 digital multimeter is suitable for this job.
3. Measuring the voltage drop across a resistor by means of a VOM or battery-operated AC voltmeter. The "limit" indication is 0.75 V, so analog meters must have an accurate low-voltage scale. The Simpson 250 and Sanwa SH-63Trd are examples of a passive VOM that is suitable. Nearly all battery operated digital multimeters that have a .2V AC range are suitable. (See Fig. A)



Identifying the Parts and Controls

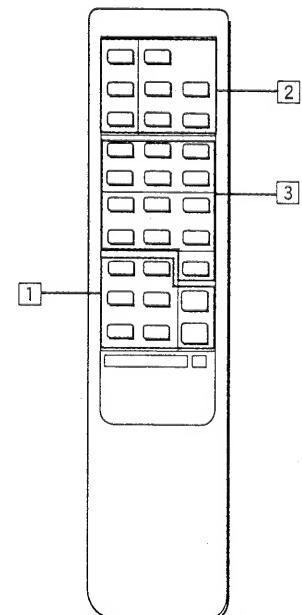
Remote Commander RM-S702

① Amplifier control section
Input selectors: Select an input source of the amplifier.
ATT. +/- buttons: Control the volume of amplifier.

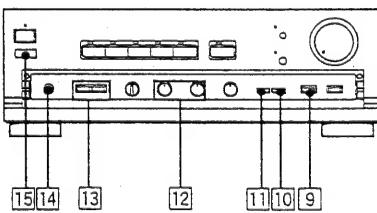
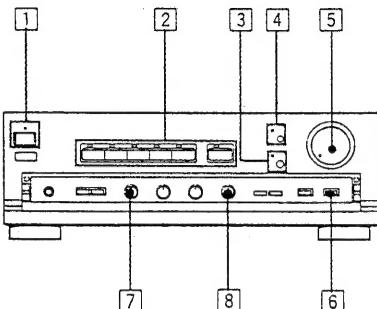
② Tuner//CD player control section
◀◀/▶▶: Locates a desired section.
▶: Play
■: Stop
PRESET +/- buttons: Selects a preset channel of the tuner. (for the tuner only)
SHIFT: Select the preset memory page A, B or C, (for the tuner only)
D.SKIP: Move to the disc tray next to the current one. (for the CD player only)

③ Tape deck control section
DECK A/B
◀/▶: Play
◀◀/▶▶: Fast winding
■: Stop
●: Recording
DECK B only
■: Pause

RM-S702



Front Panel



①POWER switch and indicator
After the power is turned on, the standby indicator lights in red as the built-in muting circuit activates. When the amplifier stays in a stable operating condition, the indicator lights in green. The indicator lights in red if the unit detects shorting of circuit of the speaker outputs or in case of short-circuit of the inputs of DC components. In such a case, disconnect the power source and check the connected components and speaker systems.

②INPUT SELECTOR
Selects the desired program source for listening.

③SOURCE DIRECT button and indicator
When the button is pressed, the indicator lights and the circuits of the TONE control, SUBSONIC filter button, BALANCE control and MODE selector are disengaged regardless of the setting of the switches.

④MUTING button and indicator
Press the button to reduce the sound level by -20 dB. (Output voltage becomes 1/10.) for TA-F808ES/TA-F707ES. For TA-F606ES the sound level is reduced to -∞ dB by pressing the button.
Generally, set the button to off.

⑤ATTENUATOR control
Adjusts the sound level. To increase the sound level, turn the control clockwise. To decrease the level, turn the control counterclockwise.

Note
Turn down the sound level before switching on the unit.
This prevents damage to speakers.

⑥CARTRIDGE LOAD (TA-F808ES/TA-F707ES)/CARTRIDGE (TA-F606ES) selector
Set the selector according to your cartridge.
MM: For moving-magnet type cartridge.
MC: For moving-coil type cartridge.
40 Ω: For a cartridge with an impedance of 40 ohms or more.
(TA-F808ES/TA-F707ES)
3 Ω: For a cartridge with an impedance of 3 ohms to 40 ohms.
(TA-F808ES/TA-F707ES)

⑦REC OUT SELECTOR
Selects the program source sent to the REC OUT jacks for recording.

⑧BALANCE control
Adjust BALANCE to correct stereo imaging, when the speaker position is not symmetrical.

⑨DIRECT INPUT selector
Set to SOURCE to select program source with the INPUT SELECTOR.

To listen to a program source processed through the equipment, such as graphic equalizer, connected to the ADAPTOR jacks, set it to ADAPTOR (TA-F808ES/TA-F707ES) or SOURCE (TA-F606ES).

To listen to a program source connected to DIRECT IN jacks, set it to DIRECT.

⑩SUBSONIC filter button
If subsonic noise components created by warped records, etc. are present, the audible range frequencies may be modulated and cause irritating intermodulation distortion. In this case, press the button to reduce noise components of less than 15 Hz, which cause modulation noise.

⑪MODE selector
STEREO: For listening to a stereo program.
MONO: For listening to a monaural program.

⑫BASS and TREBLE TONE controls
Adjust the tone quality.
To increase bass or treble sound, turn the control clockwise. To decrease them, turn the control counterclockwise.

⑬SPEAKERS selector
(TA-F808ES/TA-F707ES only)
Select speaker system A, B, or A and B.
To drive speaker system A: Set the selector to A.
To drive speaker system B: Set the selector to B.
To drive speaker system A and B: Set the selector to A + B.
For headphones listening only: Set the selector to OFF.
To use a power amplifier or active speaker system connected to the PRE OUT jacks, set the selector to B/PRE OUT.

SPEAKERS buttons (TA-F606ES only)
Select speaker system A, B, or A and B.
To drive speaker system A: Press A button.
To drive speaker system B: Press B button.
To drive speaker system A and B: Press both A and B.
For headphones listening only: Press both A and B to OFF (□).

⑭HEADPHONES jack
Connect the stereo phone plug of headphones.

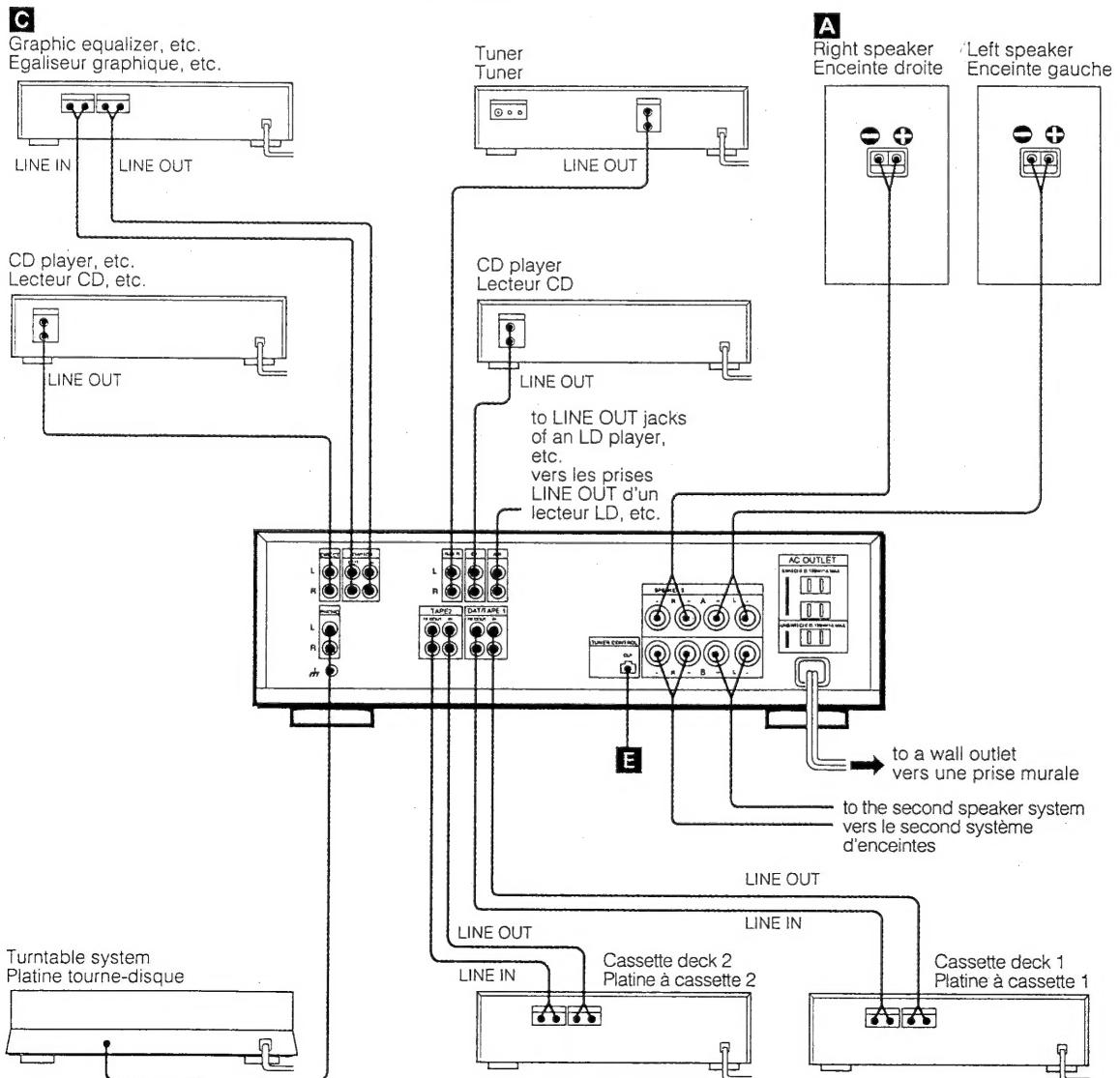
⑮Remote sensor

Hooking Up the System

Notes

- Connect the AC power cord last. Make sure power is off.
- Be sure to connect the left (L) and right (R) channels consistently between equipments.
- Fully insert cable connectors into jacks. Loose connections may cause hum or noise.
- Connect the + and - cords of the speaker systems correctly to the + and - terminals of the amplifier respectively.

For the details on **A**, **C** and **E**, see pages 14 and 15.
Pour les détails au sujet de **A**, **C** et **E** voir pages 14 et 15.



SECTION 2

ELECTRICAL ADJUSTMENTS

Bias Adjustment

Note : Adjustment the idling after tuning the unit on for about 10 minutes, giving it time to warm up.

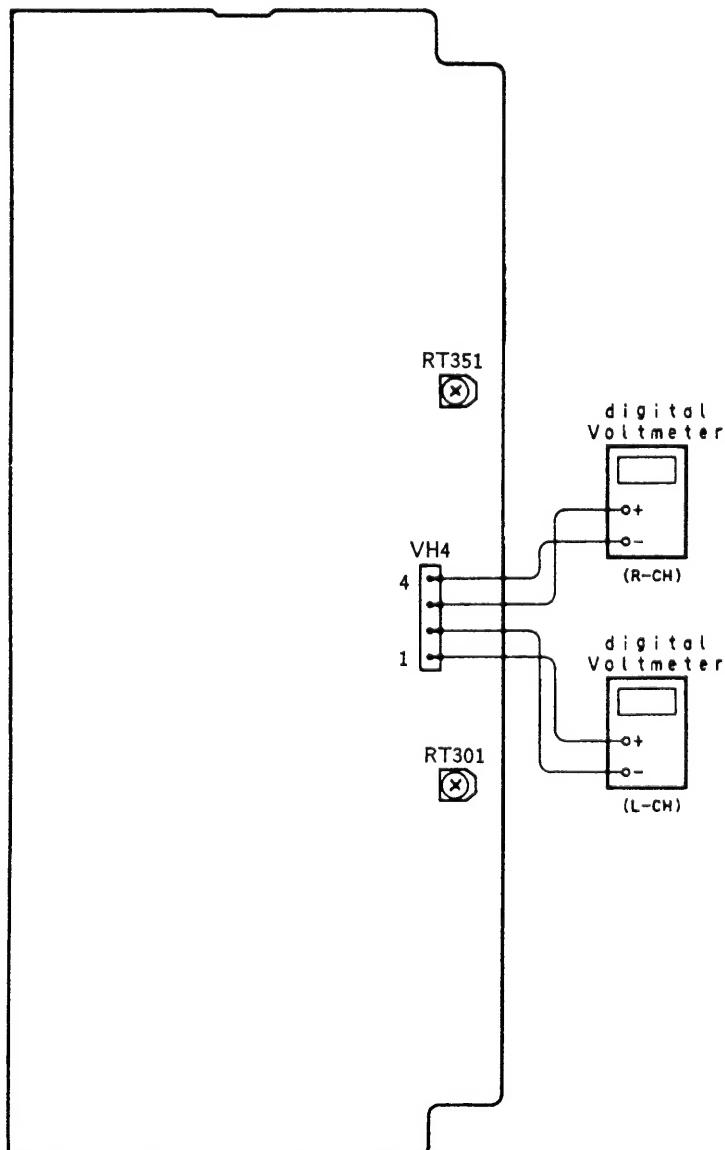
Procedure :

1. Connect the digital voltmeter to VH4 on main board as follows.
2. Adjust RT301(L-CH) and RT351(R-CH) so that the digital voltmeter on signal reads 24mV at VH4.

Adjustment Location :

【MAIN BOARD】

— COMPONENT SIDE —



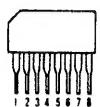
SECTION 3 DIAGRAMS

3-1. IC803 SYSTEM CONTROLLER (M 50720-358SP)

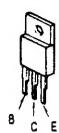
Pin No.	Pin Name	I / O	Description
1	5V CHECK	I	Power supply (+5V) check.
2	S/D ON/OFF	I	+5V power supply.
3	PROTECT	I	Ground.
4	X OUT	O	Connected oscillator circuit.
5	X IN	I	Connected oscillator circuit.
6	CE	I	Signal input for a return to normal position.
7	RESET	I	Reset signal input. ("L" : RESET)
8	VDD	I	+5 Volts power supply.
9	CNTR	I	Ground.
10	AC DET	I	Ground.
11	C	I	Connected 0.01 μ F capacitor.
12	VOL UP	O	Volume control (up) signal output.
13	VOL DOWN	O	Volume control (down) signal output.
14	MOTOR NORM	O	Motor (normal turn) signal output.
15	MOTOR RVS	O	Motor (reverse turn) signal output.
16	SIRCS IN	I	Serial data input (SIRCS).
17	S1	I	Function selector positioning detection input (PHONO).
18	S2	I	Function selector positioning detection input (TUNER).
19	S3	I	Function selector positioning detection input (CD).
20	CNVSS	—	Ground.
21	VSS	—	Ground.
22	S4	I	Function selector positioning detection input (AUX).
23	S5	I	Function selector positioning detection input (TAPE 1).
24	S6	I	Function selector positioning detection input (TAPE 2).
25	S7	I	Ground.
26	CLOCK	O	Shift register for LED (CLK).
27	DATA	O	Shift register for LED (DATA).
28	LINE MUTE	O	Line mute signal output.
29	BRAKE RELEASE	O	Not in used.
30	PHONO	I	Function control input for Phono mode.
31	TUNER	I	Function control input for Tuner mode.
32	CD	I	Function control input for CD mode.
33	AUX	I	Function control input for AUX mode.
34	TAPE1	I	Function control input for Tape 1 mode.
35	TAPE2	I	Function control input for Tape 2 mode.
36	—	—	+5V power supply.
37	POWER ON/OFF	I	+5V power supply.
38	K0	I	Ground.
39	K1	I	+5V power supply.
40	K2	I	Ground.
41	K3	I	Ground.
42	MUTE	I	+5V power supply.

3-2. SEMICONDUCTOR LEAD LAYOUTS

BA6208
 μ PC1237HA



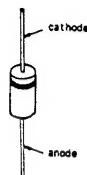
2SA985A-QP
2SC2275A-P



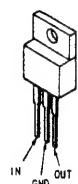
2SC3423-0



IN4148M



TA7805S



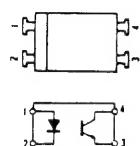
2SA988-PAFAEA
2SA1371-E
2SC2545-E



2SK246-GR2



PC817



DTA114ES
DTC124ES
2SC2603-EF



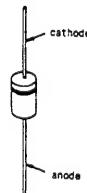
2SA1175-FEK



2SK1530-Y
2SJ201-Y



30DF2



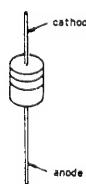
2SA733-QP
2SC945-P



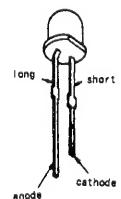
2SC1941-LK
2SD774-34



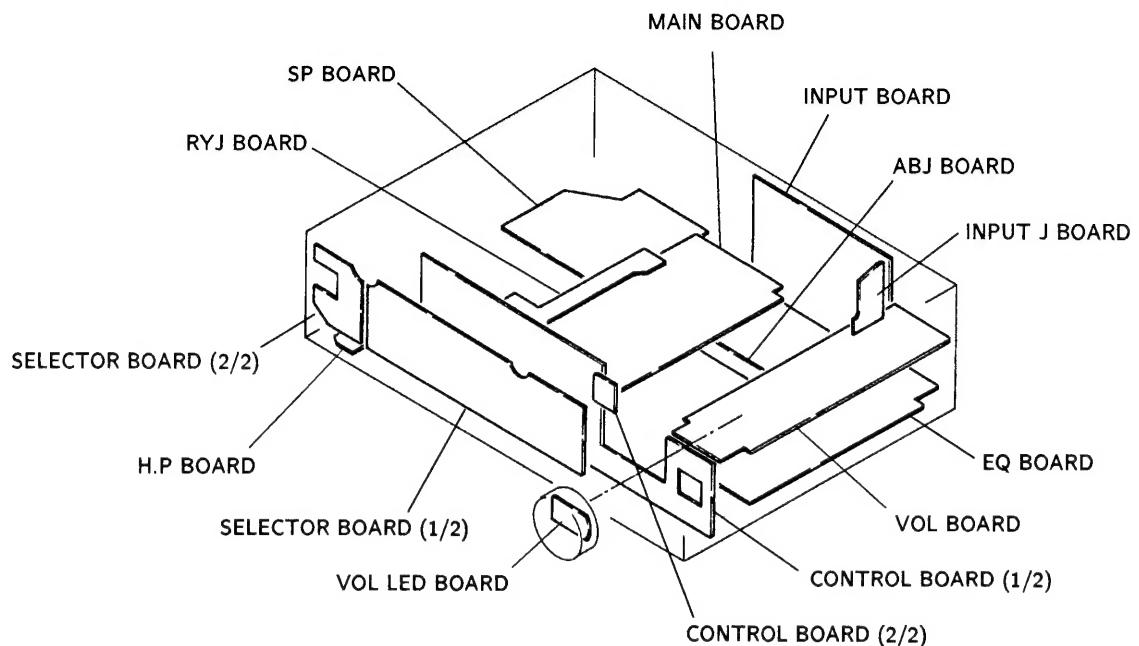
HZS6C3L
HZS16-2L
 μ ZL-7M1
11ES2



SEL1516W
SEL2510C-D
SEL2810A

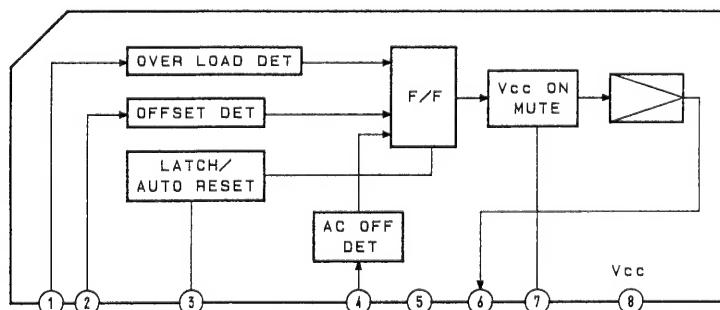


3-3. CIRCUIT BOARDS LOCATION

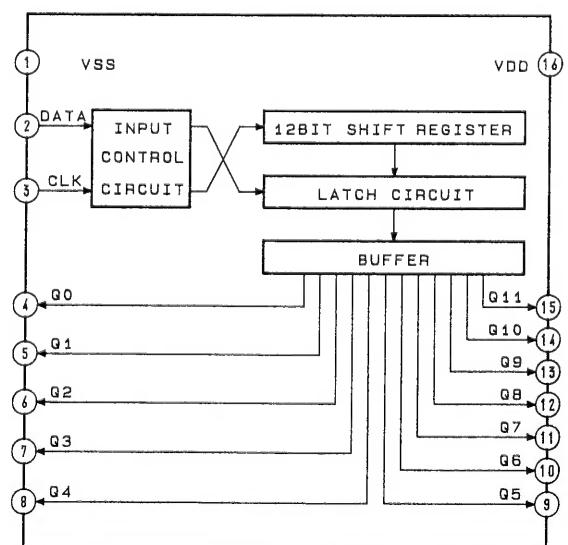


3-4. IC BLOCK DIAGRAMS

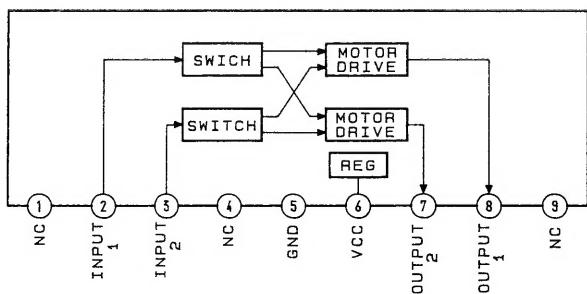
IC501 UPC1237HA



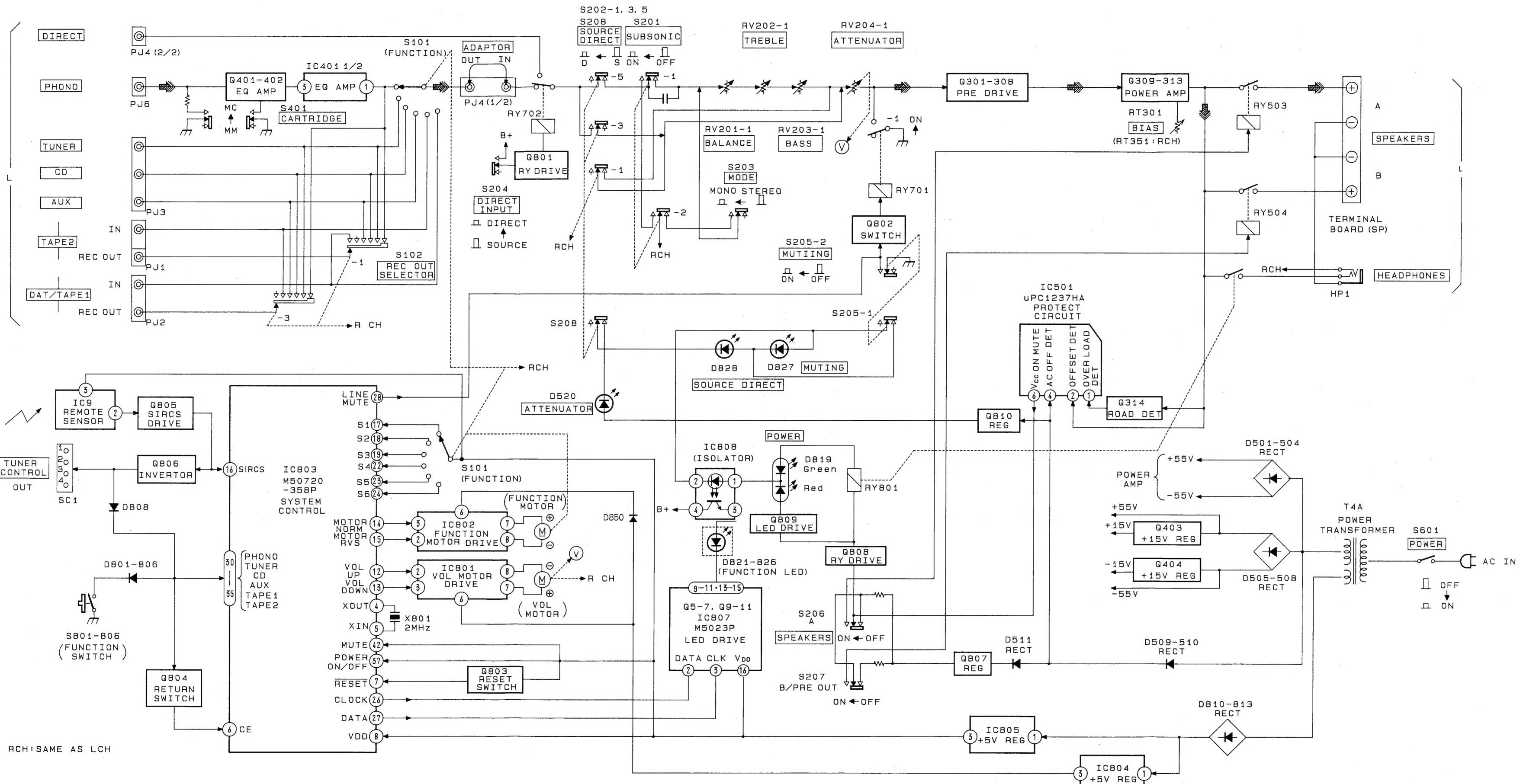
IC807 M50253P

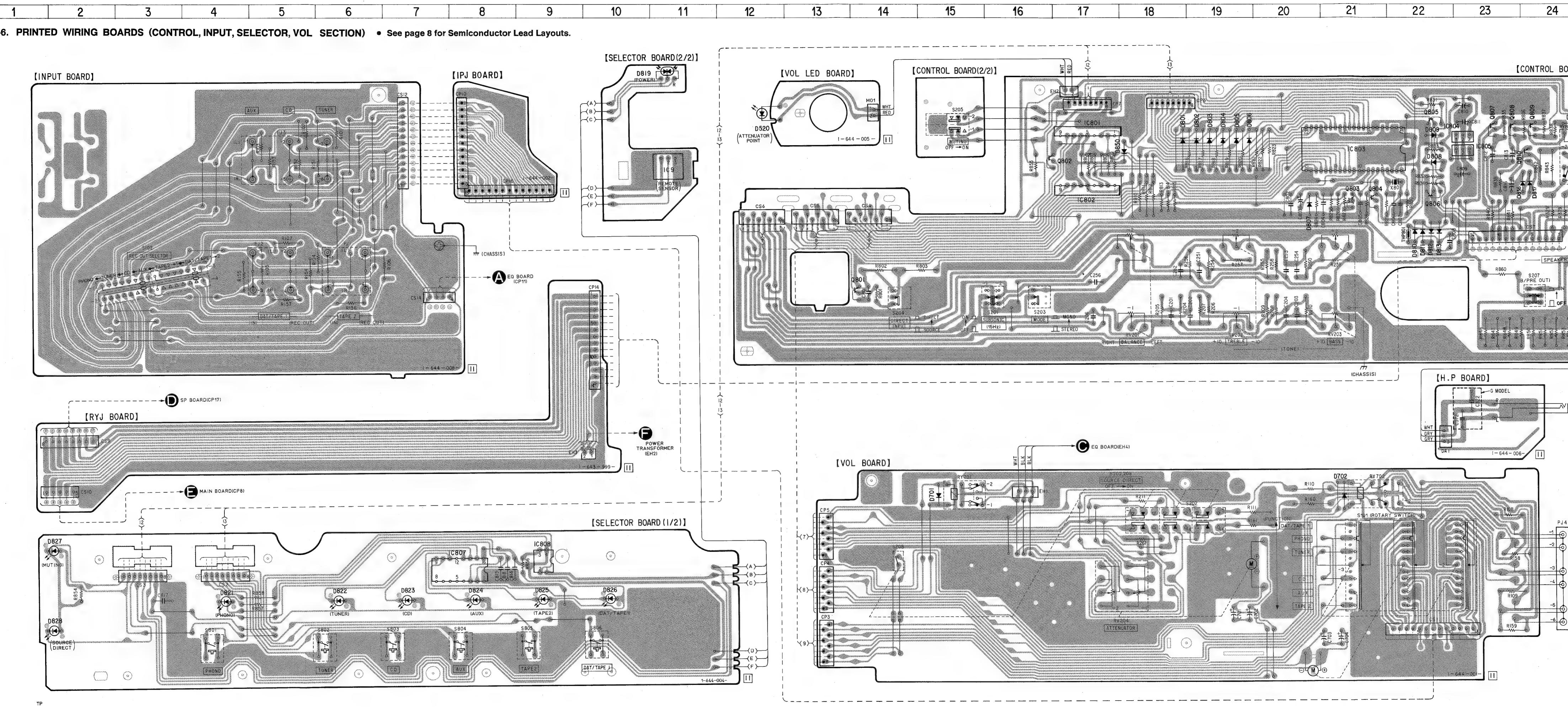


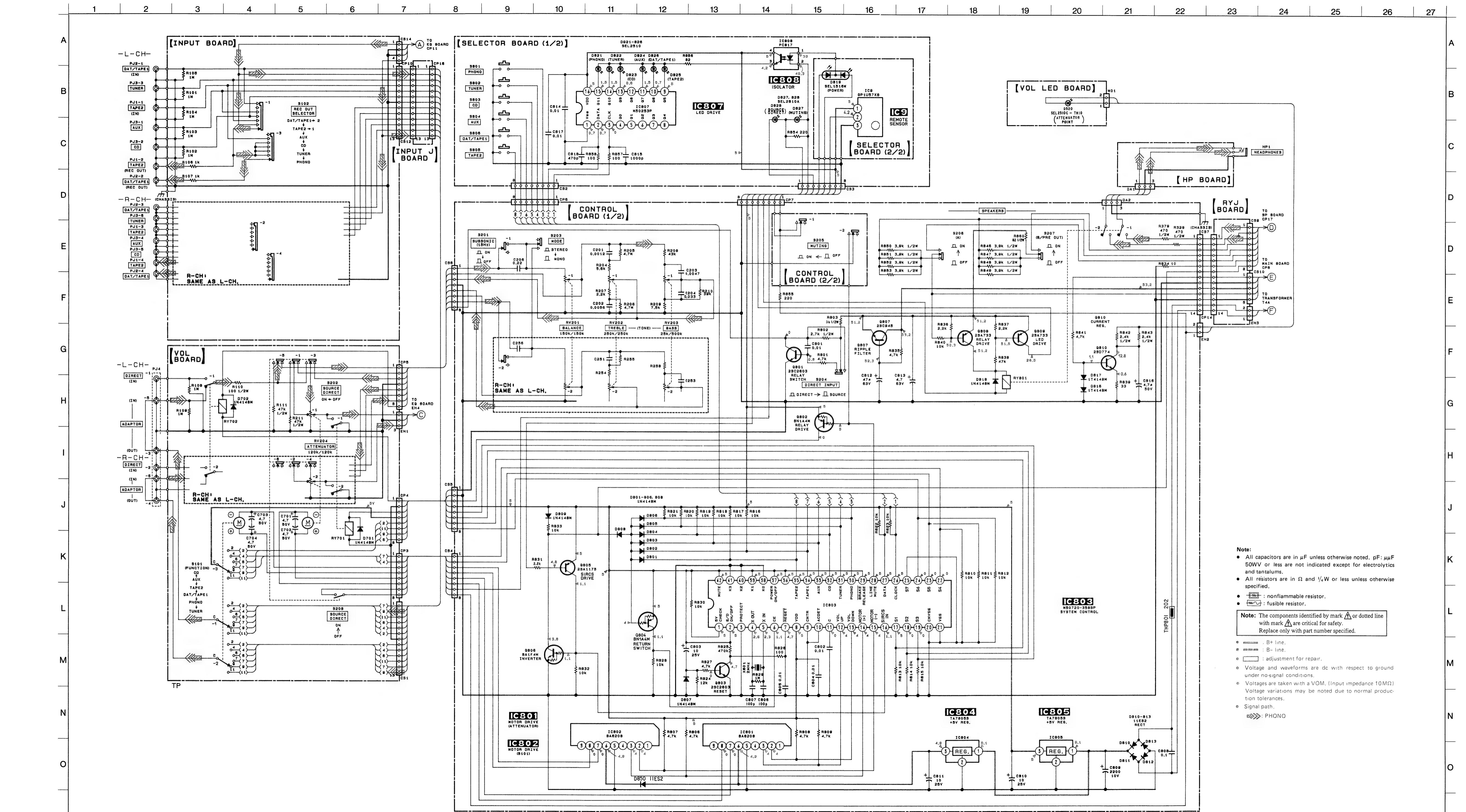
IC801, 802 BA6208

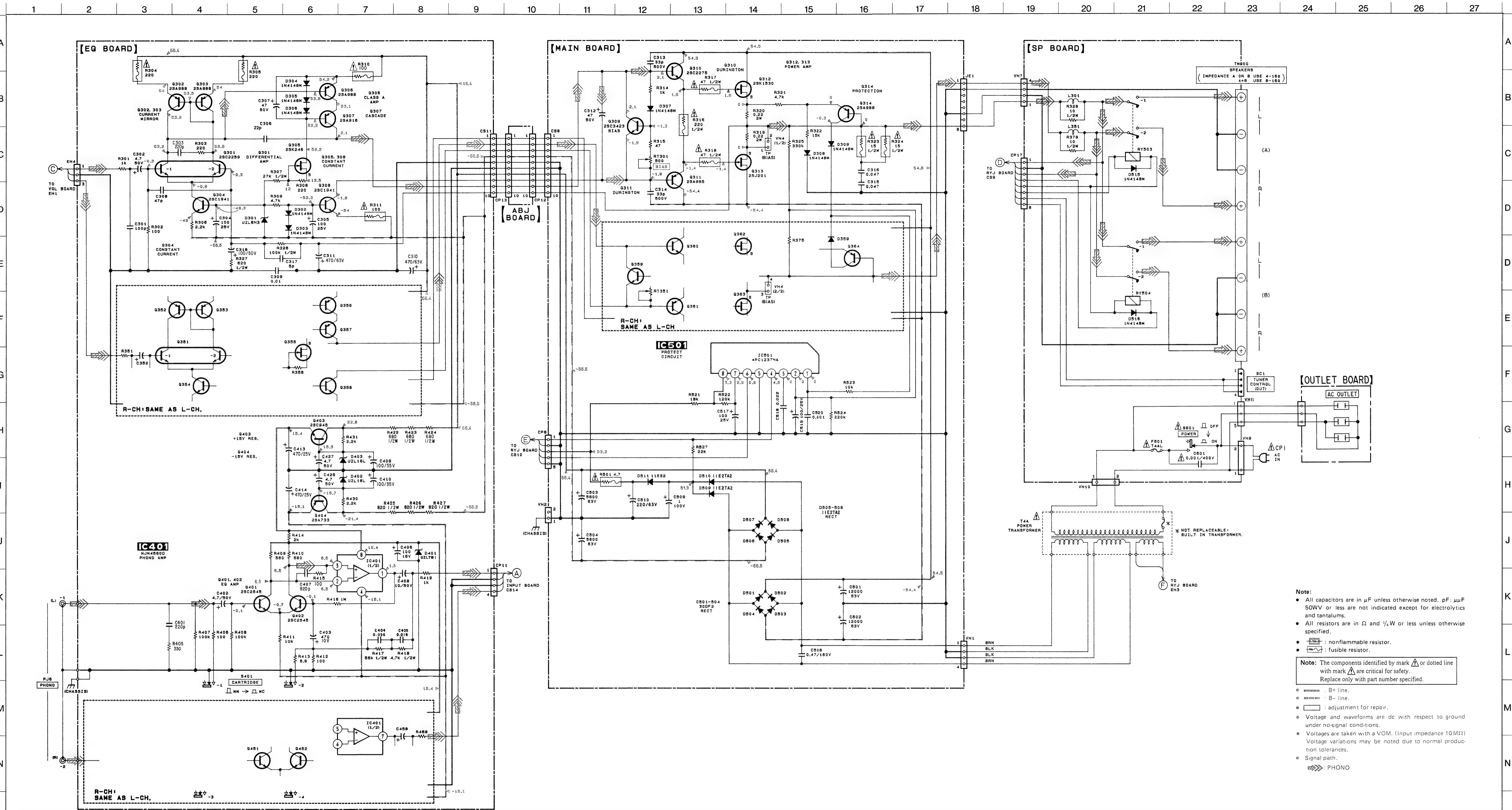


3-5. BLOCK DIAGRAM









All capacitors are in μF unless otherwise noted. pF: $\mu\mu\text{F}$
50WV or less are not indicated except for electrolytics
and tantalums.

All resistors are in Ω and $\frac{1}{4}\text{W}$ or less unless otherwise
specified.

 : nonflammable resistor.
 : flammable resistor.

Note: The components identified by mark  or dotted line with mark  are critical for safety.

Replace only with part number specified.

- . B+ line.
- . B- line.
- : adjustment for repair.

Voltage and waveforms are dc with respect to ground under no-signal conditions.

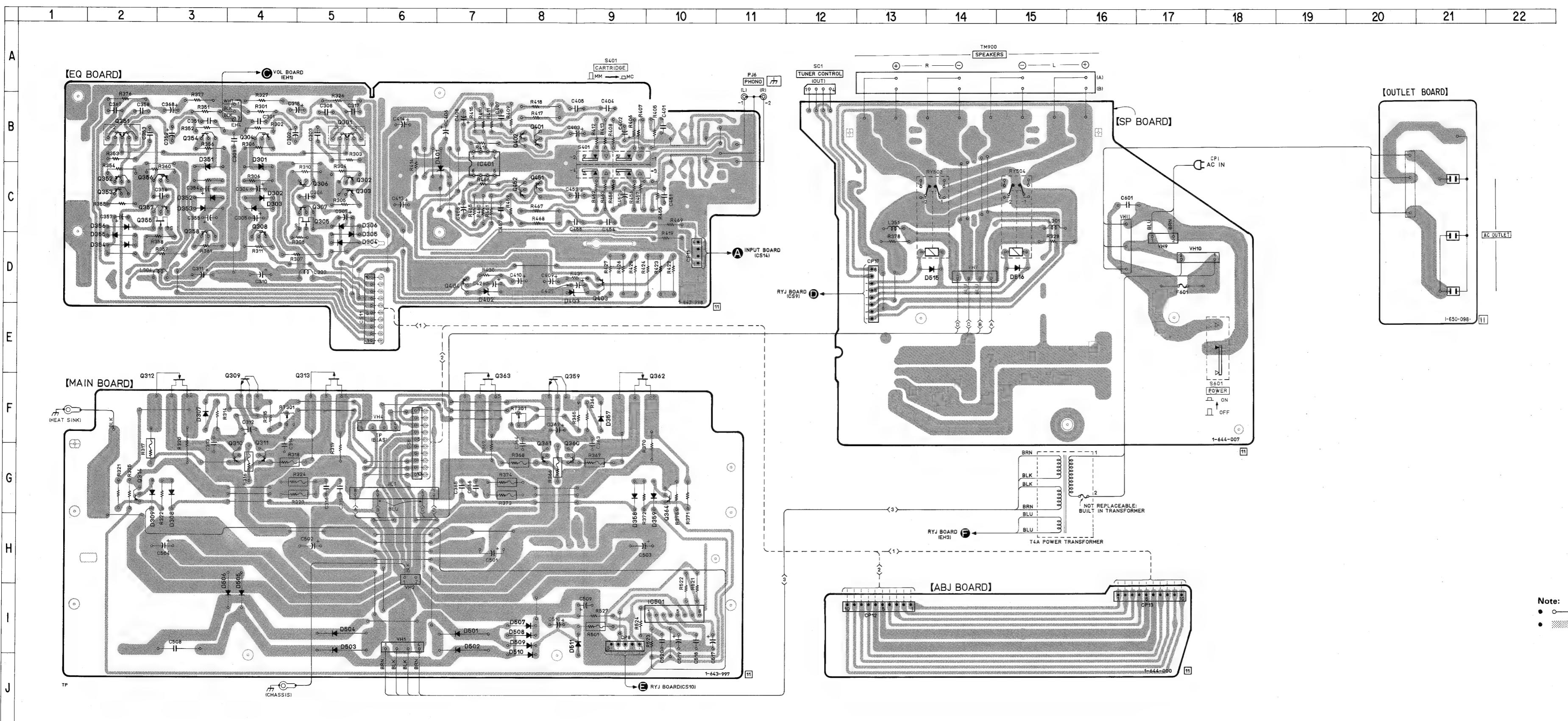
Voltages are taken with a VOM. (Input impedance $10\text{ M}\Omega$)

Voltage variations may be noted due to normal production tolerances.

Signal path.

 : PHONO

3-9. PRINTED WIRING BOARDS (EQ, MAIN, SP SECTION) • See page 8 for Semiconductor Lead Layouts.



SECTION 4

EXPLODED VIEWS

NOTE:

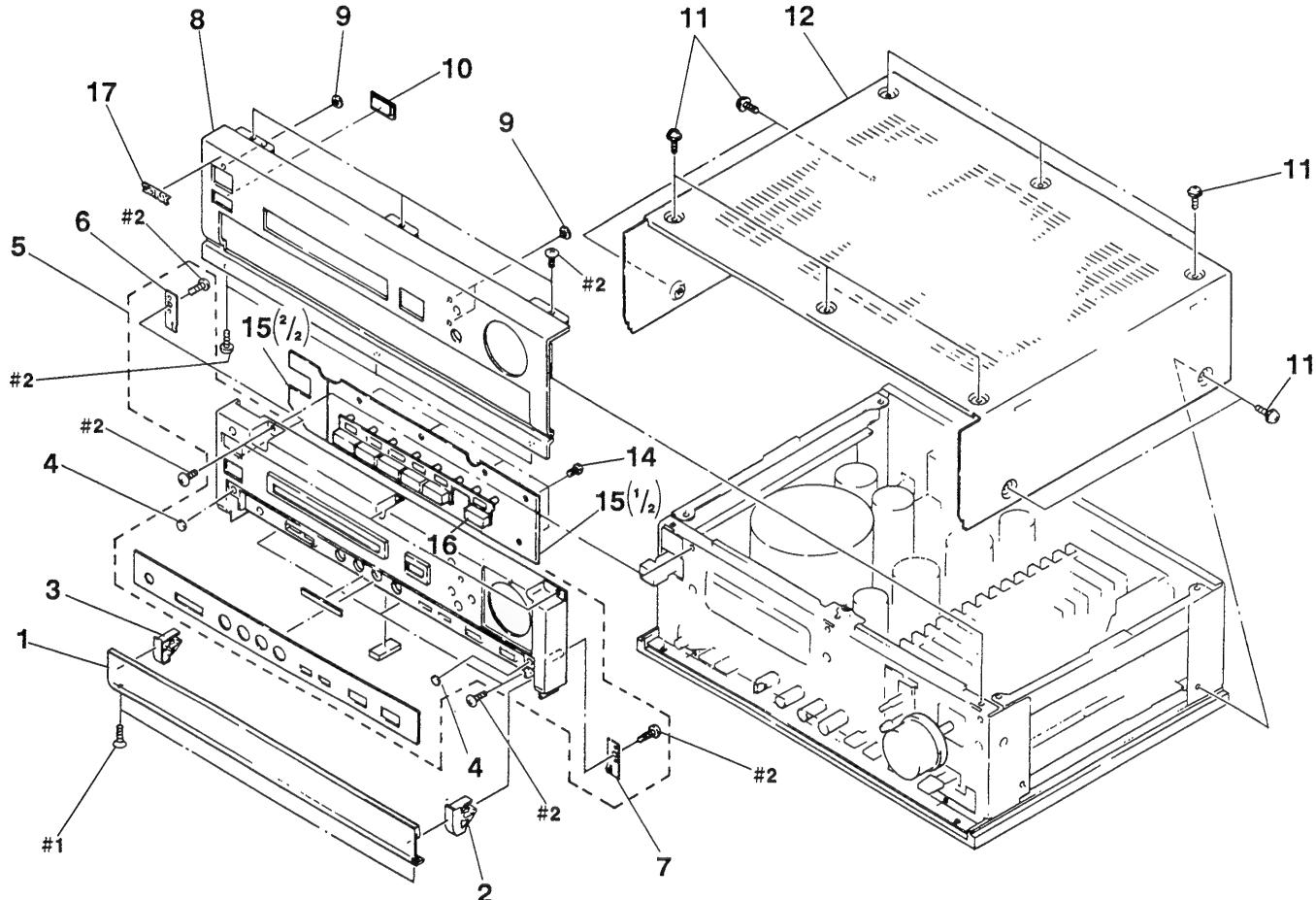
- -XX and -X mean standardized parts, so they may have some difference from the original one.
- Color Indication of Appearance Parts Example:
KNOB, BALANCE (WHITE) . . . (RED)
↑ ↑
Parts Color Cabinet's Color

- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- The mechanical parts with no reference number in the exploded views are not supplied.
- Hardware (# mark) list is given in the last of this parts list.

The components identified by mark Δ or dotted line with mark Δ are critical for safety. Replace only with part number specified.

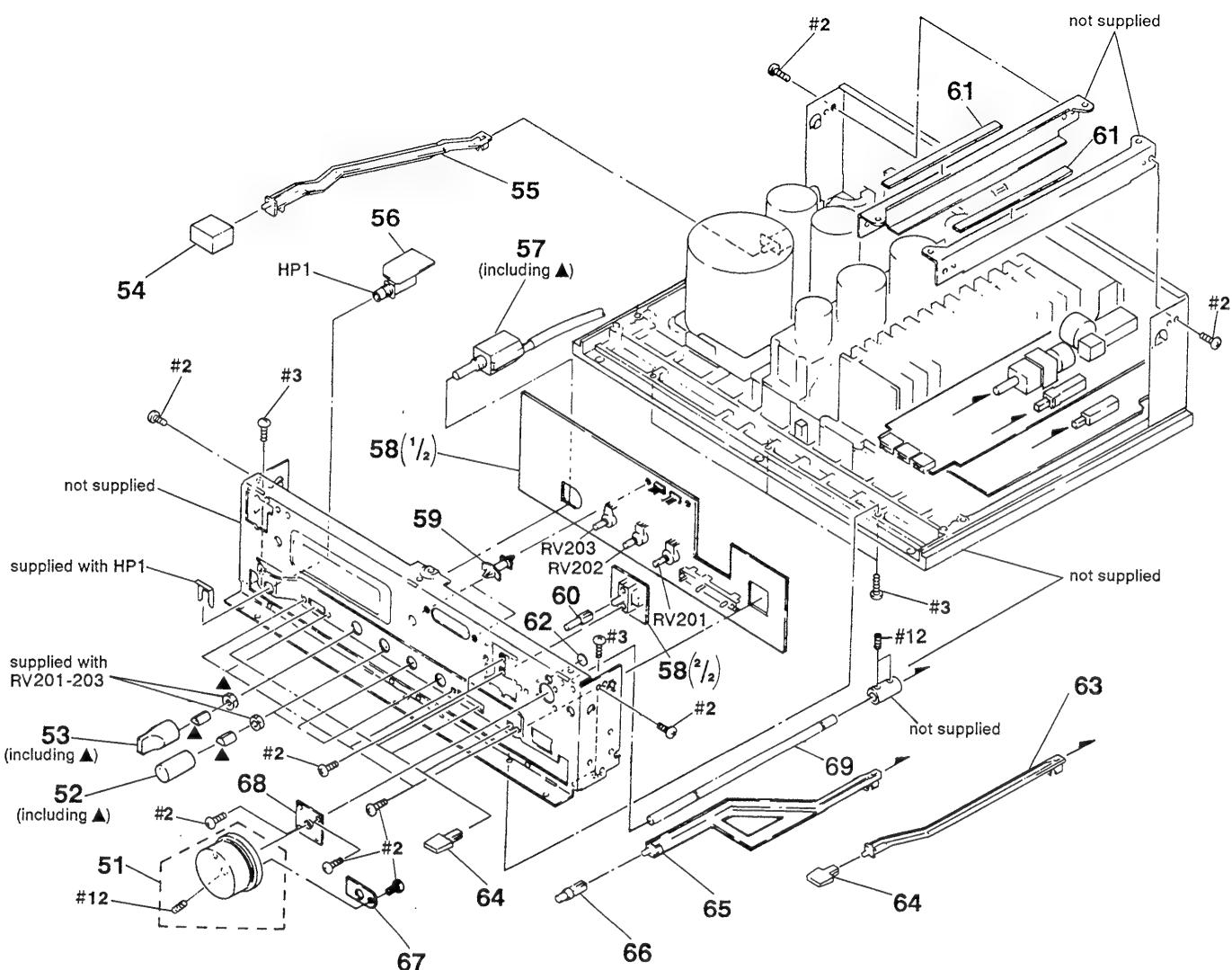
Les composants identifiés par une marque Δ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

4-1. FRONT PANEL SECTION



Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
1	4-955-303-21	LID		9	4-931-646-01	LENS, LED	
2	4-942-226-01	ARM (R)		10	4-952-206-01	WINDOW, REMOTE CONTROL	
3	4-942-225-01	ARM (L)		11	3-704-366-01	SCREW (CASE) (M3X8)	
4	4-879-274-01	SPACER		* 12	4-946-347-01	CASE	
5	X-4942-633-2	PANEL (BASE) ASSY		14	4-951-620-01	SCREW (2.6X8), +BVTP	
* 6	4-942-233-01	SPRING (L), PLATE		15	1-644-004-11	SELECTOR BOARD	
* 7	4-942-234-01	SPRING (R), PLATE		16	4-951-921-01	BUTTON (F)	
8	4-962-278-01	PANEL, FRONT		17	4-942-568-01	EMBLEM (NO. 5), SONY	

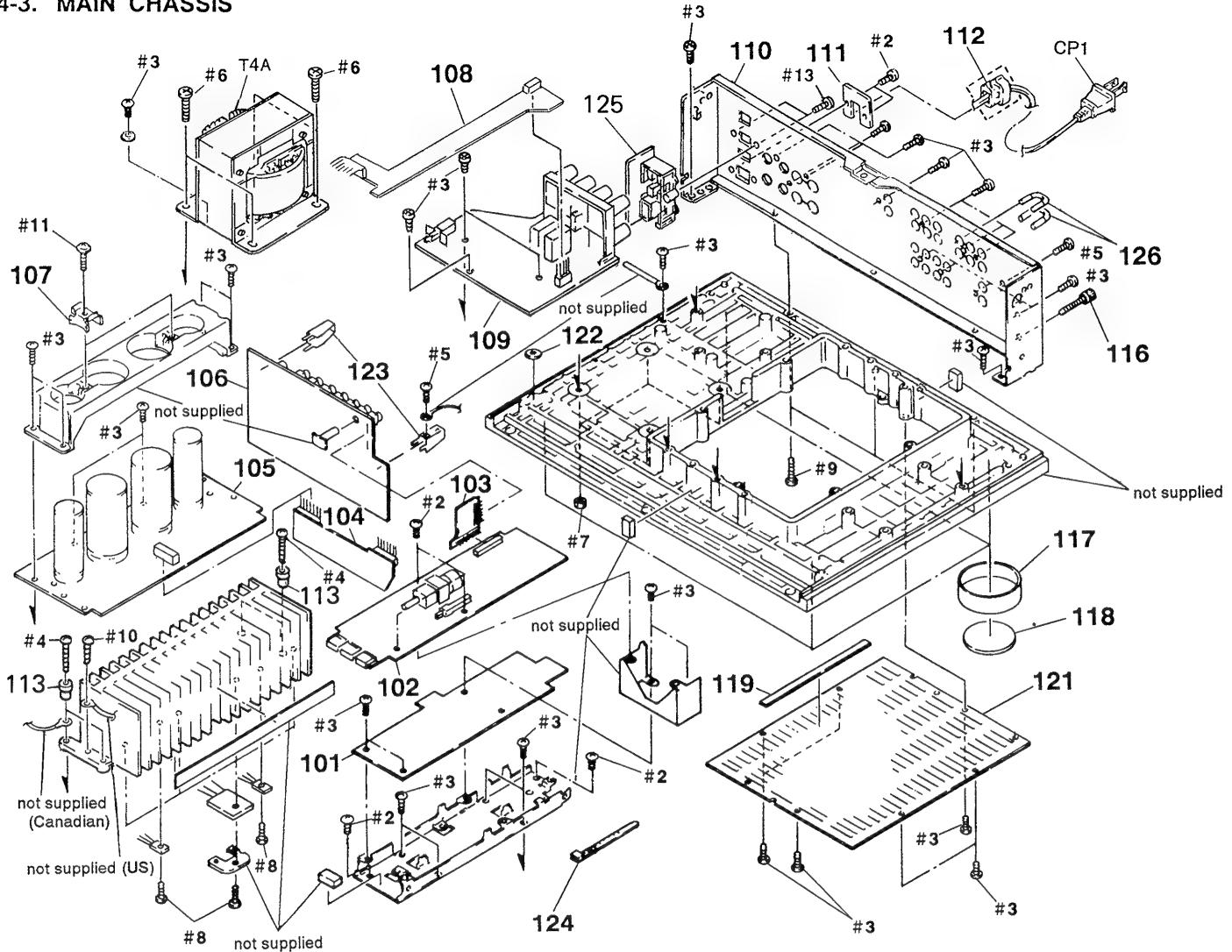
4-2. SUB CHASSIS



Ref. No.	Part No.	Description	Remark
51	X-4944-218-1	KNOB (DIA. 52) ASSY	
52	4-952-955-01	KNOB (DIA. 13)	
53	4-952-954-01	KNOB (DIA. 13)	
54	4-942-032-01	KNOB (POWER)	
55	4-946-340-01	ROD (P)	
56	1-644-006-11	HP BOARD	
57	1-692-138-11	SWITCH, ROTARY (REMOTE TYPE)	
* 58	A-4347-853-A	CONTROL BOARD, COMPLETE	
* 59	3-350-846-51	HOLDER, PCB	
60	4-931-641-01	BUTTON (DIA. 4)	

Ref. No.	Part No.	Description	Remark
* 61	4-916-782-21	DAMPER	
* 62	4-908-892-01	SPACER	
63	4-946-338-01	ROD (C)	
64	4-942-228-01	KNOB (3X13)	
65	4-951-922-01	JOINT (SD)	
66	4-931-926-01	BUTTON (B)	
67	1-644-005-11	VOL LED BOARD	
68	4-946-335-01	BRACKET (BEARING)	
69	4-946-331-23	SHAFT (VOL)	
70	4-963-475-01	COLLAR	

4-3. MAIN CHASSIS



Ref. No.	Part No.	Description
* 101	A-4365-596-A	EQ BOARD, COMPLETE
102	1-644-001-11	VOL BOARD
103	1-644-002-11	INPUT J BOARD
104	1-644-000-11	ABJ BOARD
* 105	A-4365-595-A	MAIN BOARD, COMPLETE
106	1-644-008-11	INPUT BOARD
107	4-946-329-01	RETAINER, ELECT CAP
108	1-643-999-11	RYJ BOARD
109	1-644-007-11	SP BOARD
* 110	4-951-917-41	PANEL, BACK
* 111	4-923-873-01	BRACKET, CORD STOPPE
* 112	3-703-244-00	BUSHING (2104), CORD
113	4-963-475-01	COLLAR (US)

Remark	Ref. No.	Part No.	Description
	116	3-706-165-00	SCREW
	117	4-923-882-02	RING (LARGE-16), ORNA
*	118	4-923-850-01	FOOT (DIA. 46)
*	119	4-916-782-21	DAMPER
*	121	4-916-732-01	BOARD, BOTTOM
	122	3-942-525-01	BLIND (1), KNOB
	123	4-946-336-01	BRACKET (GROUND)
	124	3-655-653-21	BAND (TAITON), BIND
*	125	1-650-098-11	OUTLET BOARD
	126	1-573-905-11	PLUG, JAMPER
△CP1		1-575-975-11	CORD, POWER
△T4A		1-423-873-11	TRANSFORMER, POWER

Note:
The components identified by mark  or dotted line with mark  are critical for safety.
Replace only with part number specified

Note:
Les composants identifiés par une marque  sont critiques pour la sécurité.
Ne les remplacer que par une pièce portant le même numéro spécifié.

SECTION 5

ELECTRICAL PARTS LIST

ABJ

CONTROL

NOTE:

- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.
- -XX and -X mean standardized parts, so they may have some difference from the original one.
- RESISTORS
All resistors are in ohms.
METAL: Metal-film resistor
METAL OXIDE: Metal Oxide-film resistor
F: nonflammable

- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- SEMICONDUCTORS
In each case, u: μ , for example:
uA...: μ A..., uPA...: μ PA...,
uPB...: μ PB..., uPC...: μ PC...,
uPD...: μ PD...
- CAPACITORS
uF: μ F
- COILS
uH: μ H

The components identified by mark Δ or dotted line with mark Δ are critical for safety.
Replace only with part number specified.

Les composants identifiés par une marque Δ sont critiques pour la sécurité.
Ne les remplacer que par une pièce portant le numéro spécifié.

When including parts by reference number, please include the board name.

Ref. No.	Part No.	Description			Remark
*	1-644-000-11	ABJ BOARD			

		< CONNECTOR >			
* CP12	1-568-202-11	PIN, CONNECTOR (PC BOARD)	10P		
* CP13	1-568-202-11	PIN, CONNECTOR (PC BOARD)	10P		

*	A-4347-853-A	CONTROL BOARD			

		< CAPACITOR >			
C201	1-130-472-00	MYLAR	0.0012uF	5%	50V
C202	1-130-480-00	MYLAR	0.0056uF	5%	50V
C203	1-130-479-00	MYLAR	0.0047uF	5%	50V
C204	1-136-159-00	FILM	0.033uF	5%	50V
C206	1-136-169-00	FILM	0.22uF	5%	50V
C251	1-130-472-00	MYLAR	0.0012uF	5%	50V
C252	1-130-480-00	MYLAR	0.0056uF	5%	50V
C253	1-130-479-00	MYLAR	0.0047uF	5%	50V
C254	1-136-159-00	FILM	0.033uF	5%	50V
C256	1-136-169-00	FILM	0.22uF	5%	50V
C801	1-130-483-00	MYLAR	0.01uF	5%	50V
C802	1-161-379-00	CERAMIC	0.01uF	20%	25V
C803	1-126-059-11	ELECT	10uF	20%	25V
C804	1-161-379-00	CERAMIC	0.01uF	20%	25V
C805	1-161-379-00	CERAMIC	0.01uF	20%	25V
C806	1-162-282-31	CERAMIC	100PF	10%	50V
C807	1-162-282-31	CERAMIC	100PF	10%	50V
C808	1-136-165-00	FILM	0.1uF	5%	50V
C809	1-124-999-11	ELECT	2200uF	20%	10V
C810	1-126-059-11	ELECT	10uF	20%	25V
C811	1-126-059-11	ELECT	10uF	20%	25V
C812	1-126-062-11	ELECT	47uF	20%	63V
C813	1-126-058-11	ELECT	4.7uF	20%	63V
C816	1-126-163-11	ELECT	4.7uF	20%	50V
< CONNECTOR >					
CP6	1-695-015-11	PIN, CONNECTOR (PC BOARD)	8P		
CP7	1-695-015-11	PIN, CONNECTOR (PC BOARD)	8P		

Ref. No.	Part No.	Description			Remark
CS4	1-568-319-11	SOCKET, CONNECTOR 8P			
CS5	1-568-319-11	SOCKET, CONNECTOR 8P			
CS6	1-568-319-11	SOCKET, CONNECTOR 8P			
CS7	1-568-117-11	SOCKET, CONNECTOR 14P			
EH2	1-564-517-11	PLUG, CONNECTOR 2P			
< DIODE >					
D801	8-719-987-63	DIODE	1N4148M		
D802	8-719-987-63	DIODE	1N4148M		
D803	8-719-987-63	DIODE	1N4148M		
D804	8-719-987-63	DIODE	1N4148M		
D805	8-719-987-63	DIODE	1N4148M		
D806	8-719-987-63	DIODE	1N4148M		
D807	8-719-987-63	DIODE	1N4148M		
D808	8-719-987-63	DIODE	1N4148M		
D809	8-719-987-63	DIODE	1N4148M		
D810	8-719-200-82	DIODE	11ES2		
D811	8-719-200-82	DIODE	11ES2		
D812	8-719-200-82	DIODE	11ES2		
D813	8-719-200-82	DIODE	11ES2		
D816	8-719-987-63	DIODE	1N4148M		
D817	8-719-987-63	DIODE	1N4148M		
D818	8-719-987-63	DIODE	1N4148M		
< IC >					
IC801	8-759-962-08	IC	BA6208		
IC802	8-759-962-08	IC	BA6208		
IC803	8-759-082-11	IC	M50720-358SP (SYSTEM CONTROLLER)		
IC804	8-759-171-05	IC	TA7805S		
IC805	8-759-171-05	IC	TA7805S		
< TRANSISTOR >					
Q801	8-729-620-05	TRANSISTOR	2SC2603-EF		
Q802	8-729-900-61	TRANSISTOR	DTA114ES		
Q803	8-729-620-05	TRANSISTOR	2SC2603-EF		
Q804	8-729-900-61	TRANSISTOR	DTA114ES		
Q805	8-729-119-77	TRANSISTOR	2SA1175-FEK		
Q806	8-729-900-36	TRANSISTOR	DTC124ES		
Q807	8-729-194-57	TRANSISTOR	2SC945-P		

CONTROL

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark				
Q808	8-729-141-03	TRANSISTOR	2SA733-QP	R831	1-249-421-11	CARBON	2.2K 5% 1/4W F				
Q809	8-729-141-03	TRANSISTOR	2SA733-QP	R832	1-249-429-11	CARBON	10K 5% 1/4W				
Q810	8-729-140-96	TRANSISTOR	2SD774-34	R833	1-249-429-11	CARBON	10K 5% 1/4W				
< RESISTOR >											
R204	1-247-722-11	CARBON	5.6K 5% 1/4W	R834	1-249-393-11	CARBON	10 5% 1/4W F				
R205	1-259-502-11	CARBON	4.7M 5% 1/4W	R835	1-249-425-11	CARBON	4.7K 5% 1/4W F				
R206	1-259-502-11	CARBON	4.7M 5% 1/4W	R836	1-249-421-11	CARBON	2.2K 5% 1/4W F				
R207	1-247-717-11	CARBON	2.2K 5% 1/4W F	R837	1-249-421-11	CARBON	2.2K 5% 1/4W F				
R208	1-259-467-11	CARBON	43K 5% 1/4W	R838	1-249-437-11	CARBON	47K 5% 1/4W				
R209	1-247-152-00	CARBON	7.5K 5% 1/4W	R839	1-249-399-11	CARBON	33 5% 1/4W F				
R210	1-249-590-11	CARBON	39K 5% 1/4W	R840	1-249-429-11	CARBON	10K 5% 1/4W				
R254	1-247-722-11	CARBON	5.6K 5% 1/4W	R841	1-249-425-11	CARBON	4.7K 5% 1/4W F				
R255	1-259-502-11	CARBON	4.7M 5% 1/4W	R842	1-247-249-00	CARBON	2.4K 5% 1/2W				
R256	1-259-502-11	CARBON	4.7M 5% 1/4W	R843	1-247-249-00	CARBON	2.4K 5% 1/2W				
R257	1-247-717-11	CARBON	2.2K 5% 1/4W F	R846	1-247-759-11	CARBON	3.9K 5% 1/2W				
R258	1-259-467-11	CARBON	43K 5% 1/4W	R847	1-247-759-11	CARBON	3.9K 5% 1/2W				
R259	1-247-152-00	CARBON	7.5K 5% 1/4W	R848	1-247-759-11	CARBON	3.9K 5% 1/2W				
R260	1-249-590-11	CARBON	39K 5% 1/4W	R849	1-247-759-11	CARBON	3.9K 5% 1/2W				
R329	1-247-747-11	CARBON	470 5% 1/2W	R850	1-247-759-11	CARBON	3.9K 5% 1/2W				
R379	1-247-747-11	CARBON	470 5% 1/2W	R851	1-247-759-11	CARBON	3.9K 5% 1/2W				
R801	1-249-425-11	CARBON	4.7K 5% 1/4W F	R852	1-247-759-11	CARBON	3.9K 5% 1/2W				
R802	1-247-757-11	CARBON	2.7K 5% 1/2W	R853	1-247-759-11	CARBON	3.9K 5% 1/2W				
R803	1-247-251-00	CARBON	3K 5% 1/2W	R855	1-249-409-11	CARBON	220 5% 1/4W F				
R806	1-249-425-11	CARBON	4.7K 5% 1/4W F	R860	1-247-738-11	CARBON	82 5% 1/2W				
< VARIABLE RESISTOR >											
R807	1-249-425-11	CARBON	4.7K 5% 1/4W F	RV201	1-238-448-31	RES, VAR, CARBON 150K/150K (BALANCE)					
R808	1-249-425-11	CARBON	4.7K 5% 1/4W F	RV202	1-238-446-31	RES, VAR, CARBON 250K/250K (TREBLE)					
R809	1-249-425-11	CARBON	4.7K 5% 1/4W F	RV203	1-238-447-31	RES, VAR, CARBON 25K/500K (BASS)					
< RELAY >											
RY801	1-515-787-11	RELAY (HP)		< SWITCH >							
S201 1-692-141-11 SWITCH, PUSH (3 KEY) (SUBSONIC (15Hz))											
S203 1-692-141-11 SWITCH, PUSH (3 KEY) (MODE)											
S204 1-692-141-11 SWITCH, PUSH (3 KEY) (DIRECT INPUT)											
S205 1-572-740-11 SWITCH, PUSH (1 KEY) (MUTING)											
S206 1-572-739-11 SWITCH, PUSH (2 KEY) (SPEAKERS, A)											
S207 1-572-739-11 SWITCH, PUSH (2 KEY) (SPEAKERS, B/PRE OUT)											
< THERMISTOR (POSITIVE) >											
THP801 1-806-882-11 THERMISTOR, POSITIVE 2.2											
< VIBRATOR >											
X801 1-567-254-11 OSCILLATOR, CERAMIC (2MHz)											

Ref. No.	Part No.	Description			Remark	Ref. No.	Part No.	Description			Remark						
*	A-4365-596-A	EQ BOARD, COMPLETE						< CONNECTOR >									

< CAPACITOR >																	
C301	1-110-335-11	MYLAR	100PF	5%	50V		D301	8-719-933-41	DIODE	HZS6C3L							
C302	1-123-369-00	ELECT	4.7uF	20%	50V		D302	8-719-987-63	DIODE	1N4148M							
C303	1-110-339-11	MYLAR	220PF	5%	50V		D303	8-719-987-63	DIODE	1N4148M							
C304	1-124-122-11	ELECT	100uF	20%	50V		D304	8-719-987-63	DIODE	1N4148M							
C305	1-124-122-11	ELECT	100uF	20%	50V		D305	8-719-987-63	DIODE	1N4148M							
C306	1-102-959-00	CERAMIC	22PF	5%	50V		D306	8-719-987-63	DIODE	1N4148M							
C307	1-124-910-11	ELECT	47uF	20%	50V		D351	8-719-933-41	DIODE	HZS6C3L							
C308	1-101-880-00	CERAMIC	47PF	5%	50V		D352	8-719-987-63	DIODE	1N4148M							
C309	1-130-483-00	MYLAR	0.01uF	5%	50V		D353	8-719-987-63	DIODE	1N4148M							
C310	1-126-066-11	ELECT	470uF	20%	63V		D354	8-719-987-63	DIODE	1N4148M							
C311	1-126-066-11	ELECT	470uF	20%	63V		D355	8-719-987-63	DIODE	1N4148M							
C317	1-102-942-00	CERAMIC	5.0PF	+-0.5PF	50V		D356	8-719-987-63	DIODE	1N4148M							
C318	1-126-052-11	ELECT	100uF	20%	50V		D401	8-719-000-84	DIODE	UZL-7M1							
C351	1-110-335-11	MYLAR	100PF	5%	50V		D402	8-719-933-88	DIODE	HZS16-2L							
C352	1-123-369-00	ELECT	4.7uF	20%	50V		D403	8-719-933-88	DIODE	HZS16-2L							
C353	1-110-339-11	MYLAR	220PF	5%	50V		< CONNECTOR >										
C354	1-124-122-11	ELECT	100uF	20%	50V		*	EH4	1-564-506-11	PLUG, CONNECTOR 3P							
C355	1-124-122-11	ELECT	100uF	20%	50V		< IC >										
C356	1-102-959-00	CERAMIC	22PF	5%	50V		IC401	8-759-745-61	IC	NJM4560D-D							
C357	1-124-910-11	ELECT	47uF	20%	50V		< JACK >										
C358	1-101-880-00	CERAMIC	47PF	5%	50V		PJ6	1-580-054-11	JACK, PIN 2P (PHONO)								
C367	1-102-942-00	CERAMIC	5.0PF	+-0.5PF	50V		< TRANSISTOR >										
C368	1-126-052-11	ELECT	100uF	20%	50V		Q301	8-729-620-17	TRANSISTOR	2SC2259-FG							
C401	1-110-339-11	MYLAR	220PF	5%	50V		Q302	8-729-140-82	TRANSISTOR	2SA988-PAFAEA							
C402	1-123-369-00	ELECT	4.7uF	20%	50V		Q303	8-729-140-82	TRANSISTOR	2SA988-PAFAEA							
C403	1-126-103-11	ELECT	470uF	20%	16V		Q304	8-729-142-01	TRANSISTOR	2SC1941-LK							
C404	1-136-162-00	FILM	0.056uF	5%	50V		Q305	8-729-201-56	TRANSISTOR	2SK246-GR2							
C405	1-137-471-11	FILM	0.016uF	5%	50V		Q306	8-729-140-82	TRANSISTOR	2SA988-PAFAEA							
C406	1-124-122-11	ELECT	100uF	20%	50V		Q307	8-729-803-76	TRANSISTOR	2SA1371							
C407	1-130-470-00	MYLAR	820PF	5%	50V		Q308	8-729-142-01	TRANSISTOR	2SC1941-LK							
C408	1-126-059-11	ELECT	10uF	20%	50V		Q351	8-729-620-17	TRANSISTOR	2SC2259-FG							
C409	1-124-122-11	ELECT	100uF	20%	50V		Q352	8-729-140-82	TRANSISTOR	2SA988-PAFAEA							
C410	1-124-122-11	ELECT	100uF	20%	50V		Q353	8-729-140-82	TRANSISTOR	2SA988-PAFAEA							
C413	1-124-913-11	ELECT	470uF	20%	50V		Q354	8-729-142-01	TRANSISTOR	2SC1941-LK							
C414	1-124-913-11	ELECT	470uF	20%	50V		Q355	8-729-201-56	TRANSISTOR	2SK246-GR2							
C426	1-123-369-00	ELECT	4.7uF	20%	50V		Q356	8-729-140-82	TRANSISTOR	2SA988-PAFAEA							
C427	1-123-369-00	ELECT	4.7uF	20%	50V		Q357	8-729-803-76	TRANSISTOR	2SA1371							
C451	1-110-339-11	MYLAR	220PF	5%	50V		Q358	8-729-142-01	TRANSISTOR	2SC1941-LK							
C452	1-123-369-00	ELECT	4.7uF	20%	50V												
C453	1-126-103-11	ELECT	470uF	20%	16V												
C454	1-136-162-00	FILM	0.056uF	5%	50V												
C455	1-137-471-11	FILM	0.016uF	5%	50V												
C457	1-130-470-00	MYLAR	820PF	5%	50V												
C458	1-126-059-11	ELECT	10uF	20%	50V												

EQ **HP** **INPUT**

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
Q401	8-729-354-52	TRANSISTOR	2SC2545	R419	1-247-713-11	CARBON	1K 5% 1/4W F
Q402	8-729-354-52	TRANSISTOR	2SC2545	R422	1-247-750-11	CARBON	680 5% 1/2W
Q403	8-729-194-57	TRANSISTOR	2SC945-P	R423	1-247-750-11	CARBON	680 5% 1/2W
Q404	8-729-141-03	TRANSISTOR	2SA733-QP	R424	1-247-750-11	CARBON	680 5% 1/2W
Q451	8-729-354-52	TRANSISTOR	2SC2545	R425	1-247-751-11	CARBON	820 5% 1/2W
Q452	8-729-354-52	TRANSISTOR	2SC2545	R426	1-247-751-11	CARBON	820 5% 1/2W
< RESISTOR >				R427	1-247-751-11	CARBON	820 5% 1/2W
R301	1-247-713-11	CARBON	1K 5% 1/4W F	R430	1-249-421-11	CARBON	2.2K 5% 1/4W F
R302	1-249-469-11	CARBON	100K 5% 1/4W	R431	1-249-421-11	CARBON	2.2K 5% 1/4W F
R303	1-247-704-11	CARBON	220 5% 1/4W	R455	1-247-706-11	CARBON	330 5% 1/4W F
R304	1-212-889-00	FUSIBLE	220 5% 1/4W F	R456	1-247-700-11	CARBON	100 5% 1/4W
R305	1-212-889-00	FUSIBLE	220 5% 1/4W F	R457	1-249-469-11	CARBON	100K 5% 1/4W
R306	1-247-717-11	CARBON	2.2K 5% 1/4W F	R458	1-249-469-11	CARBON	100K 5% 1/4W
R307	1-249-490-11	CARBON	27K 5% 1/2W	R459	1-247-710-11	CARBON	560 5% 1/4W
R308	1-247-704-11	CARBON	220 5% 1/4W	R460	1-247-710-11	CARBON	560 5% 1/4W
R309	1-247-721-11	CARBON	4.7K 5% 1/4W	R461	1-247-725-11	CARBON	10K 5% 1/4W
R310	1-212-881-11	FUSIBLE	100 5% 1/4W F	R462	1-247-700-11	CARBON	100 5% 1/4W
R311	1-212-881-11	FUSIBLE	100 5% 1/4W F	R463	1-260-661-11	CARBON	6.8 5% 1/4W
R326	1-249-721-11	CARBON	100K 5% 1/2W	R465	1-247-700-11	CARBON	100 5% 1/4W
R327	1-249-668-11	CARBON	620 5% 1/2W	R466	1-246-545-00	CARBON	1.0M 5% 1/4W
R351	1-247-713-11	CARBON	1K 5% 1/4W F	R467	1-249-844-11	CARBON	56K 1% 1/2W
R352	1-249-469-11	CARBON	100K 5% 1/4W	R468	1-249-818-11	CARBON	4.7K 1% 1/2W
R353	1-247-704-11	CARBON	220 5% 1/4W	R469	1-247-713-11	CARBON	1K 5% 1/4W F
R354	1-212-889-00	FUSIBLE	220 5% 1/4W F	< SWITCH >			
R355	1-212-889-00	FUSIBLE	220 5% 1/4W F	S401	1-571-111-11	SWITCH, PUSH (1 KEY) (CARTRIDGE)	
R356	1-247-717-11	CARBON	2.2K 5% 1/4W F	< THERMISTOR(POSITIVE) >			
R357	1-249-490-11	CARBON	27K 5% 1/2W				
R358	1-247-704-11	CARBON	220 5% 1/4W	THP301	1-806-882-11	THERMISTOR, POSITIVE 2.2	
R359	1-247-721-11	CARBON	4.7K 5% 1/4W	THP302	1-806-882-11	THERMISTOR, POSITIVE 2.2	
R360	1-212-881-11	FUSIBLE	100 5% 1/4W F	*****			
R361	1-212-881-11	FUSIBLE	100 5% 1/4W F	* 1-644-006-11	HP BOARD		
R376	1-249-721-11	CARBON	100K 5% 1/2W	*****			
R377	1-249-668-11	CARBON	620 5% 1/2W				
R405	1-247-706-11	CARBON	330 5% 1/4W F	< JACK >			
R406	1-247-700-11	CARBON	100 5% 1/4W	HP1	1-507-796-71	JACK (HEADPHONES)	
R407	1-249-469-11	CARBON	100K 5% 1/4W	*****			
R408	1-249-469-11	CARBON	100K 5% 1/4W				
R409	1-247-710-11	CARBON	560 5% 1/4W	*****			
R410	1-247-710-11	CARBON	560 5% 1/4W	* 1-644-008-11	INPUT BOARD		
R411	1-247-725-11	CARBON	10K 5% 1/4W	*****			
R412	1-247-700-11	CARBON	100 5% 1/4W				
R413	1-260-661-11	CARBON	6.8 5% 1/4W	< CONNECTOR >			
R414	1-247-138-00	CARBON	2K 5% 1/4W	* CS12	1-509-931-11	SOCKET, CONNECTOR	
R415	1-247-700-11	CARBON	100 5% 1/4W	CS14	1-562-087-00	SOCKET, CONNECTOR 4P	
R416	1-246-545-00	CARBON	1.0M 5% 1/4W				
R417	1-249-844-11	CARBON	56K 1% 1/2W				
R418	1-249-818-11	CARBON	4.7K 1% 1/2W				

INPUT**IPJ****MAIN**

Ref. No.	Part No.	Description			Remark
< JACK >					
* PJ1	1-573-142-21	JACK, PIN 4P (TAPE 2)			
* PJ2	1-573-142-21	JACK, PIN 4P (DAT/TAPE 1)			
PJ3	1-568-978-21	JACK 6P (TUNER/CD/AUX)			
< RESISTOR >					
R101	1-246-545-00	CARBON	1.0M	5%	1/4W
R102	1-246-545-00	CARBON	1.0M	5%	1/4W
R103	1-246-545-00	CARBON	1.0M	5%	1/4W
R104	1-246-545-00	CARBON	1.0M	5%	1/4W
R105	1-246-545-00	CARBON	1.0M	5%	1/4W
R106	1-247-713-11	CARBON	1K	5%	1/4W F
R107	1-247-713-11	CARBON	1K	5%	1/4W F
R151	1-246-545-00	CARBON	1.0M	5%	1/4W
R152	1-246-545-00	CARBON	1.0M	5%	1/4W
R153	1-246-545-00	CARBON	1.0M	5%	1/4W
R154	1-246-545-00	CARBON	1.0M	5%	1/4W
R155	1-246-545-00	CARBON	1.0M	5%	1/4W
R156	1-247-713-11	CARBON	1K	5%	1/4W F
R157	1-247-713-11	CARBON	1K	5%	1/4W F
< SWITCH >					
S102	1-571-115-11	SWITCH, SLIDE (REC OUT SELECTOR)			

*	1-644-002-11	IPJ BOARD			

< CONNECTOR >					
* CP10	1-569-418-11	PIN, CONNECTOR 13P			
* CP16	1-508-745-00	CONNECTOR PIN			

*	A-4365-595-A	MAIN BOARD, COMPLETE			

< CAPACITOR >					
C312	1-126-051-11	ELECT	47uF	20%	50V
C313	1-102-233-00	CERAMIC	33PF	10%	500V
C314	1-102-233-00	CERAMIC	33PF	10%	500V
C315	1-136-161-00	FILM	0.047uF	5%	50V
C316	1-136-161-00	FILM	0.047uF	5%	50V
C362	1-126-051-11	ELECT	47uF	20%	50V
C363	1-102-233-00	CERAMIC	33PF	10%	500V
C364	1-102-233-00	CERAMIC	33PF	10%	500V
C365	1-136-161-00	FILM	0.047uF	5%	50V
C366	1-136-161-00	FILM	0.047uF	5%	50V
C501	1-125-695-11	ELECT	12000uF	20%	63V
C502	1-125-695-11	ELECT	12000uF	20%	63V

Ref. No.	Part No.	Description			Remark
C503	1-125-694-11	ELECT	5600uF	20%	63V
C504	1-125-694-11	ELECT	5600uF	20%	63V
C508	1-136-962-11	FILM	0.47uF	10%	160V
C509	1-126-069-11	ELECT	1uF	20%	100V
C510	1-126-064-11	ELECT	220uF	20%	63V
C517	1-126-023-11	ELECT	100uF	20%	25V
C518	1-130-487-00	MYLAR	0.022uF	5%	50V
C519	1-126-023-11	ELECT	100uF	20%	25V
C520	1-130-471-00	MYLAR	0.001uF	5%	50V
< CONNECTOR >					
* CP8	1-560-531-00	PIN, CONNECTOR 5P			
* CS8	1-562-334-00	SOCKET, CONNECTOR 10P			
< DIODE >					
D307	8-719-987-63	DIODE	1N4148M		
D308	8-719-987-63	DIODE	1N4148M		
D309	8-719-987-63	DIODE	1N4148M		
D357	8-719-987-63	DIODE	1N4148M		
D358	8-719-987-63	DIODE	1N4148M		
D359	8-719-987-63	DIODE	1N4148M		
D501	8-719-230-02	DIODE	30DF2		
D502	8-719-230-02	DIODE	30DF2		
D503	8-719-230-02	DIODE	30DF2		
D504	8-719-230-02	DIODE	30DF2		
D505	8-719-200-82	DIODE	11ES2		
D506	8-719-200-82	DIODE	11ES2		
D507	8-719-200-82	DIODE	11ES2		
D508	8-719-200-82	DIODE	11ES2		
D509	8-719-200-82	DIODE	11ES2		
D510	8-719-200-82	DIODE	11ES2		
D511	8-719-200-82	DIODE	11ES2		
< IC >					
IC501	8-759-111-68	IC	UPC1237HA		
< TRANSISTOR >					
Q309	8-729-203-45	TRANSISTOR	2SC3423-0		
Q310	8-729-107-53	TRANSISTOR	2SC2275A		
Q311	8-729-141-10	TRANSISTOR	2SA985A-QP		
Q312	8-729-015-30	TRANSISTOR	2SK1530-Y		
Q313	8-729-015-31	TRANSISTOR	2SJ201-Y		
Q314	8-729-140-82	TRANSISTOR	2SA988-PAFAEA		
Q359	8-729-203-45	TRANSISTOR	2SC3423-0		
Q360	8-729-107-53	TRANSISTOR	2SC2275A		
Q361	8-729-141-10	TRANSISTOR	2SA985A-QP		
Q362	8-729-015-30	TRANSISTOR	2SK1530-Y		

MEIN **OUTLET** **RYJ** **SELECTOR**

Ref. No.	Part No.	Description	Remark
Q363	8-729-015-31	TRANSISTOR	2SJ201-Y
Q364	8-729-140-82	TRANSISTOR	2SA988-PAFAEA

< RESISTOR >

R314	1-247-713-11	CARBON	1K	5%	1/4W F
R315	1-247-696-11	CARBON	47	5%	1/4W
R316	1-212-990-00	FUSIBLE	220	5%	1/2W F
R317	1-212-974-00	FUSIBLE	47	5%	1/2W F
R318	1-212-974-00	FUSIBLE	47	5%	1/2W F

R319	1-217-151-00	RES, METAL PLATE	0.22		
R320	1-217-151-00	RES, METAL PLATE	0.22		
R321	1-247-721-11	CARBON	4.7K	5%	1/4W
R322	1-249-460-11	CARBON	15K	5%	1/4W
R323	1-212-962-00	FUSIBLE	15	5%	1/2W F

R324	1-212-962-00	FUSIBLE	15	5%	1/2W F
R325	1-247-891-00	CARBON	330K	5%	1/4W
R364	1-247-713-11	CARBON	1K	5%	1/4W F
R365	1-247-696-11	CARBON	47	5%	1/4W
R366	1-212-990-00	FUSIBLE	220	5%	1/2W F

R367	1-212-974-00	FUSIBLE	47	5%	1/2W F
R368	1-212-974-00	FUSIBLE	47	5%	1/2W F
R369	1-217-151-00	RES, METAL PLATE	0.22		
R370	1-217-151-00	RES, METAL PLATE	0.22		
R371	1-247-721-11	CARBON	4.7K	5%	1/4W

R372	1-249-460-11	CARBON	15K	5%	1/4W
R373	1-212-962-00	FUSIBLE	15	5%	1/2W F
R374	1-212-962-00	FUSIBLE	15	5%	1/2W F
R375	1-247-891-00	CARBON	330K	5%	1/4W
R501	1-212-849-00	FUSIBLE	4.7	5%	1/4W F

< VARIABLE RESISTOR >

RT301	1-237-455-11	RES, ADJ, CARBON	500		
RT351	1-237-455-11	RES, ADJ, CARBON	500		

< CONNECTOR >

* VH1	1-564-241-00	PIN, CONNECTOR (B4P-VH)	4P		
VH2	1-564-320-00	PIN, CONNECTOR (B2P-VH)	2P		
* VH4	1-564-241-00	PIN, CONNECTOR (B4P-VH)	4P		

Ref. No.	Part No.	Description	Remark
*	1-650-098-11	OUTLET BOARD	*****

▲	1-540-062-31	OUTLET, AC (POLAR)	
	1-751-672-11	CORD (WITH CONNECTOR)	

*	1-643-999-11	RYJ BOARD	*****
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< CONNECTOR >

* CP14	1-565-647-11	PIN, CONNECTOR 14P			
* CS9	1-562-573-11	SOCKET, CONNECTOR 8P			
* CS10	1-561-650-00	SOCKET, CONNECTOR 5P			
EH3	1-564-505-11	PLUG, CONNECTOR 2P			

*	1-644-004-11	SELECTOR BOARD	*****
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< CAPACITOR >

C814	1-161-379-00	CERAMIC	0.01uF	20%	25V
C815	1-162-294-31	CERAMIC	0.001uF	10%	50V
C817	1-161-379-00	CERAMIC	0.01uF	20%	25V
C818	1-162-290-31	CERAMIC	470PF	10%	50V

< CONNECTOR >

CS2	1-695-014-11	SOCKET, CONNECTOR 8P			
CS3	1-695-014-11	SOCKET, CONNECTOR 8P			

< DIODE >

D819	8-719-313-40	SEL1516W			
D821	8-719-303-02	DIODE	SEL2510C-D		
D822	8-719-303-02	DIODE	SEL2510C-D		
D823	8-719-303-02	DIODE	SEL2510C-D		
D824	8-719-303-02	DIODE	SEL2510C-D		
D825	8-719-303-02	DIODE	SEL2510C-D		
D826	8-719-303-02	DIODE	SEL2510C-D		
D827	8-719-301-49	SEL2810A			
D828	8-719-301-49	SEL2810A			
D850	8-719-200-82	DIODE	11ES2		

< IC >

IC9	8-749-923-43	IC	GP1U57XB		
IC807	8-759-635-31	IC	M50253P		
IC808	8-719-902-56	DI	ODE	PC817	

< RESISTOR >

R854	1-249-409-11	CARBON	220	5%	1/4W F
R856	1-249-404-00	CARBON	82	5%	1/4W

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SELECT**SP****VOL**

Ref. No.	Part No.	Description	Remark
R857	1-247-807-31	CARBON	100 5% 1/4W
R858	1-247-807-31	CARBON	100 5% 1/4W

< SWITCH >

S801	1-554-303-21	SWITCH, TACTILE (PHONO)
S802	1-554-303-21	SWITCH, TACTILE (TUNER)
S803	1-554-303-21	SWITCH, TACTILE (CD)
S804	1-554-303-21	SWITCH, TACTILE (AUX)
S805	1-554-303-21	SWITCH, TACTILE (TAPE 2)

S806	1-554-303-21	SWITCH, TACTILE (DAT/TAPE 1)

*	1-644-007-11	SP BOARD

*	1-533-183-11	HOLDER, FUSE
*	4-946-336-01	BRACKET (GROUND)

< CAPACITOR >

C601	1-161-741-00	CERAMIC	0.001uF	10%	400V
< CONNECTOR >					

*	CP17	1-566-878-11	PIN, CONNECTOR (PC BOARD) 8P
SC1	1-566-213-11	PIN, CONNECTOR 4P	
*	VH7	1-564-241-00	PIN, CONNECTOR (B4P-VH) 4P
*	VH9	1-564-321-00	PIN, CONNECTOR 2P
*	VH10	1-565-792-11	PIN, CONNECTOR 2P
*	VH11	1-564-687-11	PIN, CONNECTOR 3P

< DIODE >

D515	8-719-987-63	DIODE	1N4148M
D516	8-719-987-63	DIODE	1N4148M

< FUSE >

△F601	1-532-748-11	FUSE, GLASS TUBE	6.3A 125V
< COIL >			

*	L301	1-422-009-13	COIL, AIR-CORE
*	L351	1-422-009-13	COIL, AIR-CORE

< RESISTOR >

R328	1-247-727-11	CARBON	10	5%	1/2W
R378	1-247-727-11	CARBON	10	5%	1/2W

< RELAY >

RY503	1-515-676-11	RELAY
RY504	1-515-676-11	RELAY

Ref. No.	Part No.	Description	Remark
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< SWITCH >

△S601	1-554-920-11	SWITCH, PUSH (1 KEY) (AC POWER)
< TERMINAL >		

TM900	1-537-235-11	TERMINAL BOARD (SP)

*	1-644-001-11	VOL BOARD

< CAPACITOR >

C701	1-126-163-11	ELECT	4.7uF	20%	50V
C702	1-126-163-11	ELECT	4.7uF	20%	50V
C703	1-126-163-11	ELECT	4.7uF	20%	50V
C704	1-126-163-11	ELECT	4.7uF	20%	50V

< CONNECTOR >

* CP3	1-568-320-11	PLUG, CONNECTOR 8P
* CP4	1-568-320-11	PLUG, CONNECTOR 8P
* CP5	1-568-320-11	PLUG, CONNECTOR 8P
* CS1	1-565-489-11	CONNECTOR, BOARD TO BOARD 13P
* EH1	1-564-506-11	PLUG, CONNECTOR 3P

< DIODE >

D701	8-719-987-63	DIODE	1N4148M
D702	8-719-987-63	DIODE	1N4148M

< JACK >

* PJ4	1-566-883-51	JACK, PIN 6P (DIRECT/ADAPTOR)
< RESISTOR >		

R108	1-246-545-00	CARBON	1.0M	5%	1/4W
R109	1-246-545-00	CARBON	1.0M	5%	1/4W
R110	1-249-778-91	CARBON	100	1%	1/2W
R111	1-249-842-11	CARBON	47K	1%	1/2W
R158	1-246-545-00	CARBON	1.0M	5%	1/4W

R159	1-246-545-00	CARBON	1.0M	5%	1/4W
R160	1-249-778-91	CARBON	100	1%	1/2W
R161	1-249-842-11	CARBON	47K	1%	1/2W
R211	1-249-842-11	CARBON	47K	1%	1/2W
R261	1-249-842-11	CARBON	47K	1%	1/2W

< VARIABLE RESISTOR >

RV204	1-241-908-11	RES, VAR, CARBON 120K/120K
		1-241-908-12 (WITH MOTOR) (ATTENUATOR)

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TA-F606ES

VOL **VOL LED**

Ref. No.	Part No.	Description	Remark
< RELAY >			

RY701 1-515-622-11 RELAY (MUTING)
 RY702 1-515-804-11 RELAY (DIRECT/ADAPTOR)

< SWITCH >

S101 1-692-142-11 SWITCH, ROTARY (WITH MOTOR) (FUNCTION)
 S202 1-692-140-11 SWITCH, PUSH (1 KEY) (SOURCE DIRECT)
 S208 1-572-126-11 SWITCH, PUSH (1 KEY) (SOURCE DIRECT)

* 1-644-005-11 VOL LED BOARD

< DIODE >

D520 8-719-303-02 DIODE SEL2510C-D (ATTENUATOR)

 MISCELLANEOUS

57 1-692-138-11 SWITCH, ROTARY (REMOTE TYPE)
 126 1-573-905-11 PLUG, JAMPER
 △CP1 1-575-975-11 CORD, POWER
 △T4A 1-423-873-11 TRANSFORMER, POWER

ACCESSORIES & PACKING MATERIALS

1-693-108-11 REMOTE COMMANDER (RM-S702)
 2-181-754-21 COVER, BATTERY
 3-755-923-21 MANUAL, INSTRUCTION (ENGLISH, FRENCH)
 4-933-001-01 CUSHION
 * 4-962-451-01 INDIVIDUAL CARTON

HARDWARE LIST

#1 7-685-234-19 SCREW +KTP 2.6X8 TYPE2NON-SLIT
 #2 7-682-547-09 SCREW +BVTT 3X6 (S)
 #3 7-685-647-79 SCREW +BVTP 3X10 TYPE2 N-S
 #4 7-685-152-19 SCREW +P 3X25 TYPE-2 SLIT (US)
 #4 7-685-650-79 SCREW +BVTP 3X16 TYPE-2 IT-3 (Canadian)
 #5 7-682-548-09 SCREW (3X8)
 #6 7-682-565-09 SCREW +B 4X16
 #7 7-684-024-04 N 4, TYPE 2
 #8 7-685-649-79 SCREW +BVTP 3X14 TYPE2 IT-3
 #9 7-685-876-09 SCREW +BVTT 3X16 (S)
 #10 7-685-645-79 SCREW +BVTP 3X6 TYPE-2 IT-3 (US)

Ref. No.	Part No.	Description	Remark
< RELAY >			

#11 7-685-648-79 SCREW +BVTP 3X12 TYPE2 N-S
 #12 7-683-255-58 SET SCREW 5X6 HEXAGON SOCKET
 #13 7-685-546-19 SCREW +BTP TYPE-2 N-S

< DIODE >

D520 8-719-303-02 DIODE SEL2510C-D (ATTENUATOR)

MISCELLANEOUS

57 1-692-138-11 SWITCH, ROTARY (REMOTE TYPE)
 126 1-573-905-11 PLUG, JAMPER
 △CP1 1-575-975-11 CORD, POWER
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 #10 7-685-645-79 SCREW +BVTP 3X6 TYPE-2 IT-3 (US)

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English

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